

Title (en)
Recording and reproducing apparatus.

Title (de)
Aufzeichnungs- und Wiedergabegerät.

Title (fr)
Appareil d'enregistrement et de reproduction.

Publication
EP 0555031 A2 19930811 (EN)

Application
EP 93300695 A 19930129

Priority
• JP 1380992 A 19920129
• JP 4255892 A 19920228
• JP 5032892 A 19920309
• JP 6803192 A 19920326
• JP 11117692 A 19920430
• JP 19445092 A 19920722
• JP 28087492 A 19920925

Abstract (en)
A disk-shaped recording medium (2) includes a transparent substrate (5), and an optical recording layer (4) and a magnetic recording layer (3) formed at one side of the transparent substrate. An optical head (6) applies light to the optical recording layer (4) from a light source via the transparent substrate, and focuses the light on the optical recording layer and reproduces information from the optical recording layer. A magnetic head (8), located at a side of the recording medium opposite the side thereof where the optical head is located, records information on the magnetic recording layer (3) or reproduces information from the magnetic recording layer. An optical head moving device (24,25) serves to move the optical head by a movement amount so as to focus the light on an optical track on the optical recording layer which has specified address information. A magnetic head moving device (20) serves to move the magnetic head to a specified magnetic track on the magnetic recording layer by referring to the movement amount of the optical head. <IMAGE>

IPC 1-7
G11B 11/10; G11B 13/00; G11B 13/04

IPC 8 full level
G11B 5/012 (2006.01); **G11B 5/127** (2006.01); **G11B 5/55** (2006.01); **G11B 7/0037** (2006.01); **G11B 7/013** (2006.01); **G11B 11/105** (2006.01); **G11B 13/00** (2006.01); **G11B 13/04** (2006.01); **G11B 19/02** (2006.01); **G11B 19/24** (2006.01); **G11B 20/00** (2006.01); **G11B 20/18** (2006.01); **G11B 23/03** (2006.01); **G11B 27/034** (2006.01); **G11B 27/10** (2006.01); **G11B 27/11** (2006.01); **G11B 27/24** (2006.01); **G11B 27/30** (2006.01); **G11B 27/32** (2006.01); **G11B 5/17** (2006.01); **G11B 7/007** (2006.01); **G11B 20/12** (2006.01); **G11B 23/28** (2006.01); **G11B 27/34** (2006.01); **G11B 27/36** (2006.01)

CPC (source: EP US)
G11B 5/012 (2013.01 - EP US); **G11B 5/1278** (2013.01 - EP US); **G11B 5/5543** (2013.01 - EP US); **G11B 7/0037** (2013.01 - EP US); **G11B 7/013** (2013.01 - EP US); **G11B 11/10502** (2013.01 - EP US); **G11B 11/10532** (2013.01 - EP US); **G11B 11/10558** (2013.01 - EP US); **G11B 11/10595** (2013.01 - EP US); **G11B 13/00** (2013.01 - EP US); **G11B 13/04** (2013.01 - EP US); **G11B 19/02** (2013.01 - EP US); **G11B 19/24** (2013.01 - EP US); **G11B 20/00086** (2013.01 - EP US); **G11B 20/1833** (2013.01 - EP US); **G11B 23/0302** (2013.01 - EP US); **G11B 23/0306** (2013.01 - EP US); **G11B 23/0308** (2013.01 - EP US); **G11B 27/034** (2013.01 - EP US); **G11B 27/105** (2013.01 - EP US); **G11B 27/11** (2013.01 - EP US); **G11B 27/24** (2013.01 - EP US); **G11B 27/3027** (2013.01 - EP US); **G11B 27/3063** (2013.01 - EP US); **G11B 27/329** (2013.01 - EP US); **G11B 5/17** (2013.01 - EP US); **G11B 7/007** (2013.01 - EP US); **G11B 23/284** (2013.01 - EP US); **G11B 27/34** (2013.01 - EP US); **G11B 27/36** (2013.01 - EP US); **G11B 2020/1259** (2013.01 - EP US); **G11B 2220/211** (2013.01 - EP US); **G11B 2220/213** (2013.01 - EP US); **G11B 2220/2525** (2013.01 - EP US); **G11B 2220/2529** (2013.01 - EP US); **G11B 2220/2545** (2013.01 - EP US); **G11B 2220/2587** (2013.01 - EP US)

Cited by
US5526328A; EP0564187A3; EP0608126A3; EP0609013A3; US6169973B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0555031 A2 19930811; EP 0555031 A3 19951115; US 5682360 A 19971028

DOCDB simple family (application)
EP 93300695 A 19930129; US 970993 A 19930127